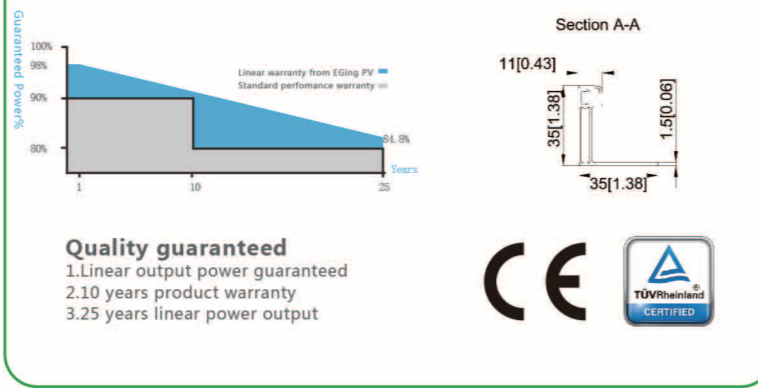


◆ Product Intro

EfMb Series

Mono crystalline Solar Module

400W~415W



High Efficiency

Advanced solar cell technology ensures the high module efficiency up to 20.8%.



Positive Power Selection

Module will generate power selection of 0 to +5W.



Strong Load Capacity

Module is capable to withstand 2400Pa wind loads and 5400Pa Snow loads.



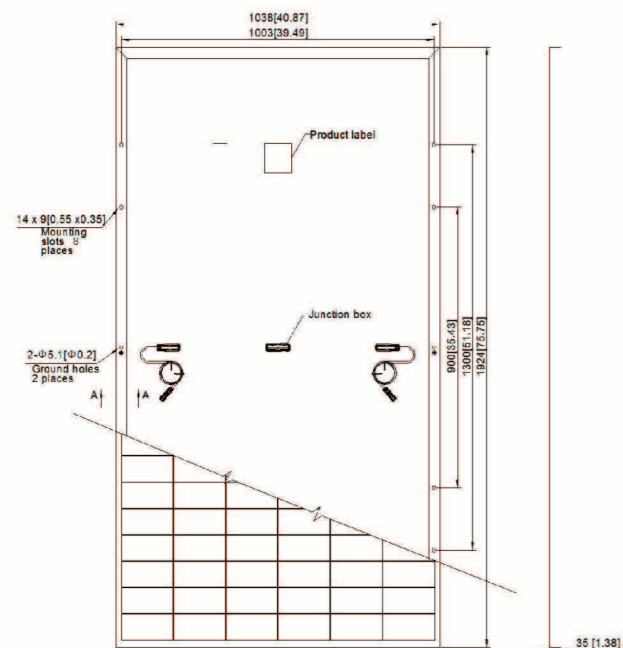
Reliable quality

Module is manufactured in accordance with international quality standards ISO9001

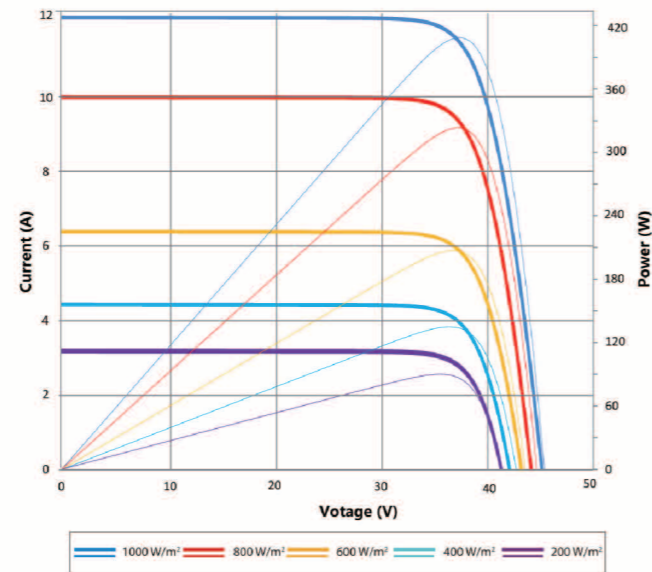


Higher Weatherproof Rating

J-Box performs module with an environmental protection rating to IP68.



Current-Voltage & Power-Voltage Curve (GEP-EfMb410MH)



◆ MODULE CHARACTERISTICS

Models	GEP-EfMb405MH	GEP-EfMb410MH	GEP-EfMb415MH
Maximum Power (Pmax)	405W±3%	410W±3%	415W±3%
Positive Power Selection	0/+5W	0/+5W	0/+5W
Maximum Power Voltage (Vmp)	36.33V	36.42V	36.51V
Maximum Power Current(Imp)	11.15A	11.26A	11.37A
Open Circuit Voltage (Voc)	45.44V±3%	45.62V±3%	45.81V±3%
Short Circuit Current (Isc)	11.84A±3%	11.95A±3%	12.06A±3%
Module Efficiency	20.3%	20.5%	20.8%
Operating module Temperature	- 40 °C ~ +85 °C		
Maximum system(DC) Voltage	DC1500V(IEC)		
Maximum Series Fuse Rating	25A		
Nominal Module Operating Temperature	42±2 °C		
Temperature Coefficients of Pmax	- 0.36%/ °C		
Temperature Coefficients of Voc	- 0.304%/ °C		
Temperature Coefficients of Isc	+ 0.050%/ °C		
Fire Rating	Class C		

◆ MECHANICAL CHARACTERISTICS

Solar Cell	Mono crystalline 166×83mm 9BB
Number of cells	132(6×22)
Dimensions	1924×1038×35mm (75.75×40.87×1.38inches)
Weight	22.5Kg (49.60lbs)
Front Glass	3.2mm (0.13inches)front glass
Frame	Anodized aluminum alloy
Junction Box	IP68 rated
Cable	4mm² solar cable 300mm (11.81inches)Customized Length
Connector	PV-XT101.1/Z4S-abcde

◆ PACKING

	20GP	40HC
Pieces per pallet	31	31
pallets per container	5	22
Pieces per container	155	682

STC: irradiance 1000 W/m², module temperature 25°C, AM=1.5;Tolerance of Pmax is within +/- 3%.

Manufactured in China